

Name: _____

Math 10F&PC

Date: _____

Chapter 7 System of Equations**Section 7.4: Using Substitution As a Strategy to Solve Linear System**

e) $x - 8y = 24$ \rightarrow ①
 $2x - 16y = 30$ \rightarrow ②

f) $6x - 4y = 8$ \rightarrow ①
 $9x - 6y = 12$ \rightarrow ②

Example 3: Solve this system by substitution. (What can we do about these fractions?)

$$\frac{a}{2} + \frac{b}{3} = 1$$

$$\frac{a}{4} + \frac{2b}{3} = -1$$